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Iain M. Morgan, Maki Asano, Leiv S. Håvarstein, Hideaki Ishikawa, Takashi Hiiragi, Yoshiaki Ito & Peter K. Vogt

1141 Mutation of a phosphorylation site in the DNA-binding domain is required for redox-independent transactivation of AP1-dependent genes by v-Jun
Thomas Oehler, Alex Pintzas, Susanne Stumm, Alan Darling, David Gillespie & Peter Angel

1149 Chimeric c-Jun containing an heterologous homodimerization domain transforms primary chick embryo fibroblasts
Marc Castellazzi, Laurent Loiseau, Fabrice Piu & Alain Sergeant

1161 Structural determinants outside of the leucine zipper influence the interactions of CREB and ATF-2: interaction of CREB with ATF-2 blocks E1a–ATF-2 complex formation
Hany Abdel-Malek Abdel-Hafiz, Chang-you Chen, Tere Marcell, David J. Kroll & James P. Hoeffler

1175 Suppression of v-*fms*-induced transformation by over-expression of a truncated T-cell protein tyrosine phosphate
Norbert F. Zander, Deborah E. Cool, Curt D. Diltz, Larry R. Rohrschneider, Edwin G. Krebs & Edmond H. Fischer

1183 Wild-type but not mutant p53 can repress transcription initiation *in vitro* by interfering with the binding of basal transcription factors to the TATA motif
N. Ragimov, A. Krauskopf, N. Navot, V. Rotter, M. Oren & Y. Aloni

1195 A novel putative receptor protein tyrosine kinase of the met family
C. Ronsin, F. Muscatelli, M.-G. Mattei & R. Breathnach

1203 A novel germline p53 splicing mutation in a pediatric patient with a second malignant neoplasm
Carolyn A. Felix, Eric A. Strauss, Domenico D'Amico, Maria Tsokos, Stefan Winter, Tetsuya Mitsudomi, Marion M. Nau, Deborah L. Brown, Ann M. Leahey, Marc E. Horowitz, David G. Poplack, Dan Costin & John D. Minna

1211 Defining the critical gene expression changes associated with expression and suppression of the tumorigenic and metastatic phenotype in Ha-*ras*-transformed cloned rat embryo fibroblast cells
Zao-Zhong Su, Vincent N. Austin, Stephen G. Zimmer & Paul B. Fisher

1221 Autocrine transformation of hemopoietic cells resulting from cytokine message stabilization after intracisternal A particle transposition
Paul A. Algate & James A. McCubrey

1233 The *FLT4* gene encodes a transmembrane tyrosine kinase related to the vascular endothelial growth factor receptor
Franck Galland, Aïda Karamysheva, Marie-Josèphe Pebusque, Jean-Paul Borg, Robert Rottapel, Patrice Dubreuil, Olivier Rosnet & Daniel Birnbaum

1241 Recombinant Csk expressed in *Escherichia coli* is autophosphorylated on tyrosine residue(s)
Cécile Bougeret, Bernard Rothhut, Pascale Jullien, Siegmund Fisher & Richard Benarous

1249 ABL oncogenes directly stimulate two distinct target cells in bone marrow from 5-fluorouracil-treated mice
Michelle A. Kelliher, Douglas J. Weckstein, Amy G. Knott, Henry H. Wortis & Naomi Rosenberg

1257 The physiology of *bcl-2* expression in murine B lymphocytes
Matthias Haury, Antonio Freitas, Véronique Hermitte, Antonio Coutinho & Urszula Hibner

1263 Transfected wild-type and mutant *max* regulate cell growth and differentiation of murine erythroleukemia cells
Tiziana Cogliati, Barbara K. Dunn, Matia Bar-Ner, Constance M. Cultraro & Shoshana Segal

1269 Constitutional mutation in exon 8 of the p53 gene in a patient with multiple primary tumours: molecular and immunohistochemical findings
R.A. Eeles, W. Warren, G., Knee, J. Bartek, D. Averill, M.R. Stratton, P.R. Blake, D.M. Tait, D.P. Lane, D.F. Easton, J.R. Yarnold, C.S. Cooper & J.P. Sloane

1277 Distinct amounts of polyomavaris large T antigen are required for different functions of the protein
Egon Ogris, Ingrid Mudrak & Erhard Wintersberger

1285 Tumorigenic activity of *rho* genes from *Aplysia californica*
Rosario Perona, Pilar Esteve, Benilde Jiménez, Rafael P. Ballestero, Santiago Ramón y Cajal & Juan Carlos Lacal

1293 The endothelial-specific receptor tyrosine kinase, *tek*, is a member of a new subfamily of receptors
Daniel J. Dumont, Gérard J. Gradwohl, Guo-Hua Fong, Robert Auerbach & Martin L. Breitman

1303 Lack of c-*jun* expression in a transformed cell line isolated by glucocorticoid promotion of *ras*-transfected rat embryo fibroblasts
Heather Marshall, Przemyslaw Popowicz, Georg Engel, Ingrid Martens & Stig Linder

1311 Activation of fibroblasts growth factor (FGF) receptors by recombinant human FGF-5
D.A. Clements, J.-K. Wang, C.A. Dionne & M. Goldfarb

1317 Mutational analysis of the role of the carboxy-terminal region of the v-*erbB*-protein in erythroid cell transformation
Eunhee Bae Lee, Hartmut Beug & Michael J. Hayman

1329 Expression cDNA cloning of a serine kinase transforming gene
Andrew M.-L. Chan, Marcio Chedid, Elizabeth S. McGovern, Nickolas C. Popescu, Toru Miki & Stuart A. Aaronson

1335 The ezrin-like family of tyrosine kinase substrates: receptor-specific pattern of tyrosine phosphorylation and relationship to malignant transformation
Francesca Fazioli, William T. Wong, Stephen J. Ullrich, Kazayasu Sakaguchi, Ettore Appella & Pier Paolo Di Fiore

1347 Molecular cloning and chromosomal localisation of the human homologue of a receptor related to tyrosine kinases (RYK)
Steven A. Stacker, Christopher M. Hovens, Angela Vitali, Melanie A. Pritchard, Elizabeth Baker, Grant R. Sutherland & Andrew F. Wilks

1357 Deletion mapping of chromosome 8 in cancers of the urinary bladder using restriction fragment length polymorphisms and microsatellite polymorphisms
Margaret A. Knowles, Margaret E. Shaw & Alison J. Procter

1365 Characterization of the human CSK locus
Andreas Bräuninger, Thomas Karn, Klaus Strebhardt & Helga Rübsamen-Waigmann

1371 Expression of *nm*23/NDP kinase proteins on the cell surface
Takeshi Urano, Koichi Furukawa & Hiroshi Shiku

1377 Two potentially oncogenic cyclins, cyclin A and cyclin D1, share common properties of subunit configuration, tyrosine phosphorylation and physical association with the Rb protein
Frederick L. Hall, Richard T. Williams, Lingtao Wu, Frank Wu, Denise A. Carbonaro-Hall, J. Wade Harper & David Warburton

1385 Analysis of multigene families by DNA fingerprinting of conserved domains: directed cloning of tissue-specific protein tyrosine phosphatases
Thomas Boehm

1391 Deletion mapping in colorectal cancer of a putative tumour suppressor gene in 8p22-p21.3
C. Cunningham, M.G. Dunlop, A.H. Wyllie & C.C. Bird

1397 Stabilised p53 facilitates aneuploid clonal divergence in colorectal cancer
Pauline Carder, Andrew H. Wyllie, Colin A. Purdie, Robert G. Morris, Susan White, Juan Piris & Colin C. Bird

1403 Erratum: Both myeloproliferative disease and leukemia are induced by transplantation of bone marrow cells expressing v-*myc*
Bonham et al.

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1405 Obituary: Yosef Aloni (1936–1993)
Moshe Oren

1407 E6 of human papillomavirus type 16 can overcome the M1 stage of immortalization in human mammary epithelial cells but not in human fibroblasts
Jerry W. Shay, Woodring E. Wright, Dana Brašiškytė & Brigitte A. Van Der Haegen

1415 The consistent 13q14 translocation breakpoint seen in chronic B-Cell leukaemia (BCLL) involves deletion of the D13S25 locus which lies distal to the retinoblastoma predisposition gene
Lesley Ann Hawthorn, Robert Chapman, David Oscier & John K. Cowell

1421 Resistance of human fibroblasts to c-*fos* mediated transformation
Michael Alt & Ralph Grassmann

1429 $p59^{fyn}$ in rat brain is localized in developing axonal tracts and subpopulations of adult neurons and glia
Dan J. Bare, Jean M. Lauder, Mary Beth Wilkie & Patricia F. Maness

1437 Absence of a paused transcription complex from the c-*myc* P_2 promoter of the translocation chromosome in Burkitt's lymphoma cells: implication for the c-*myc* P_1/P_2 promoter shift
Lothar J. Strobl, Franz Kohlhuber, Josef Mautner, Axel Polack & Dirk Eick

1449 ADP ribosylation of the *rhoA* gene product by botulinum C3 exoenzyme causes Swiss 3T3 cells to accumulate in the G_1 phase of the cell cycle
Masamitsu Yamamoto, Nobuyuki Marui, Toshiyuki Sakai, Narito Morii, Shunji Kozaki, Kouichi Ikai, Sadao Imamura & Shuh Narumiya

1457 Sublocalization of the synovial sarcoma-associated t(X;18) chromosomal breakpoint in Xp11.2 using cosmid cloning and fluorescence *in situ* hybridization
B. de Leeuw, R.F. Suijkerbuijk, M. Balemans, R.J. Sinke, B. de Jong, W.M. Molenaar, A.M. Meloni, A.A. Sandberg, M. Geraghty, M. Hofker, H.H. Ropers & A. Geurts van Kessel

1465 Functional domains of the v-*erbA* protein necessary for oncogenesis are required for transcriptional activation in *Saccharomyces cerevisiae*
Zeljka Smit-McBride & Martin L. Privalsky

1477 Identification of a human guanine nucleotide-releasing factor (H-GRF55) specific for Ras proteins
Fabien Schweighoffer, Michel Faure, Isabelle Fath, Marie-Christine Chevallier-Multon, Françoise Apiou, Bernard Dutrillaux, E Sturani, Michel Jacquet & Bruno Tocque

1487 Expression of p53 protein in spermatogenesis is confined to the tetraploid pachytene primary spermatocytes
Dov Schwartz, Naomi Goldfinger & Varda Rotter

1495 Wild-type p53 induces apoptosis in a Burkitt lymphoma (BL) line that carries mutant p53
Torbjörn Ramqvist, Kristinn P. Magnusson, Yisong Wang, Laszlo Szekely, George Klein & Klas G. Wiman

1501 Quantification of p53 protein in tumor cell lines, breast tissue extracts and serum with time-resolved immunofluorometry
Stavroula Hassapoglidou, Eleftherios P. Diamandis & Donald J.A. Sutherland

1511 The state of p53 in primary human cervical carcinomas and its effects in human papillomavirus-immortalized human cervical cells
Tzer-Ming Chen, Chi-An Chen, Chang-Yao Hsieh, Daw-Yuan Chang, Yen-Hui Chen & Vittorio Defendi

1519 Mutation of the serine 15 phosphorylation site of human p53 reduces the ability of p53 to inhibit cell cycle progression
Michele Fiscella, Stephen J. Ullrich, Nicola Zambrano, Michelle T. Shields, David Lin, Susan P. Lees-Miller, Carl W. Anderson, W. Edward Mercer & Ettore Appella

1529 The core promoter region of the P-glycoprotein gene is sufficient to confer differential responsiveness to wild-type and mutant p53
Roman L. Zastawny, Ralph Salvino, Jianmin Chen, Samuel Benchimol & Victor Ling

1537 The *l(2)gl* homologue of *Drosophila pseudoobscura* suppresses tumorigenicity in transgenic *Drosophila melanogaster*
Istvan Török, Kirsten Hartenstein, Andreas Kalmes, Rolf Schmitt, Dennis Strand & Bernard M. Mechler

1551 Induction of epithelial abnormalities that resemble human breast lesions by the expression of the *neu/erb*B-2 oncogene in reconstituted mouse mammary gland
Jane M. Bradbury, Jeanne Arno & Paul A.W. Edwards

1559 Human ERG-2 protein is a phosphorylated DNA-binding protein – a distinct member of the ets family
Koko Murakami, George Mavrothalassitis, Narayan K. Bhat, Robert J. Fisher & Takis S. Papas

1567 The hepatitis B virus (HBV) pX transactivates the c-*fos* promoter through multiple *cis*-acting elements
Maria Laura Avantaggiati, Gioacchino Natoli, Clara Balsano, Paolo Chirillo, Marco Artini, Elisabetta De Marzio, Daniela Collepardo & Massimo Levrero

1575 Clonability and tumorigenicity of human epithelial cells expressing the EBV encoded membrane protein LMPI
Li-Fu Hu, Fu Chen, Xi Zheng, Ingemar Ernberg, Shi-Long Cao, Birger Christensson, George Klein & Gösta Winberg

1585 Regulated expression of the retinoblastoma gene in differentiating embryonal carcinoma cells
Ruth S. Slack, Paul A. Hamel, Trevor S. Bladon, R. Montgomery Gill & Michael W. McBurney

1593 The cdk2 kinase is required for the G1-to-S transition in mammalian cells
Li-Huei Tsai, Emma Lees, Barbara Faha, Ed Harlow & Karl Riabowol

1603 Characterization of late reponse genes sequentially expressed during renewed growth of fibroblastic cells
Sylvie Vincent, Louise Marty, Lionel Le Gallic, Philippe Jeanteur & Philippe Fort

1611 Progressive and regressive fate of lens tumors correlates with subtle differences in transgene expression in γF-crystallin–SV40 T antigen transgenic mice
Dawn Marie Bryce, Qiurong Liu, Wilson Khoo, Lap-Chee Tsui & Martin L. Breitman

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Liqun Zhang, Valerie Lemarchandel, Paul-Henri Romeo, Yaacov Ben-David, Peter Greer & Alan Bernstein

1631 Distinct rat genes with related profiles of expression define a TIE receptor tyrosine kinase family
Peter C. Maisonpierre, Mitchell Goldfarb, George D. Yancopoulos & Guangxia Gao

1639 p300, and p300-associated proteins, are components of TATA-binding protein (TBP) complexes
Sushma E. Abraham, Susan Lobo, Peter Yaciuk, Hwei-Gene Heidi Wang & Elizabeth Moran

1649 G1 expression and multistage dynamics of cyclin A in human osteosarcoma cells
Denise Carbonaro-Hall, Richard Williams, Lingtao Wu, David Warburton, Margarita Zeichner-David, Mary MacDougall, Vernon Tolo & Frederick Hall

1661 The *Vin*-1 gene, identified by provirus insertional mutagenesis, is the cyclin D2
Zaher Hanna, Marek Jankowski, Patrick Tremblay, Xiaoyan Jiang, Athena Milatovich, Uta Francke & Paul Jolicoeur

1667 Suppression of the growth factor-mediated induction of c-*fos* and down-modulation of AP-1-binding activity are not required for cellular senescence
Frances C. Lucibello, Sabine Brüsselbach, Andreas Sewing & Rolf Müller

1673 Hypophosphorylated retinoblastoma gene product accumulates in SV40-infected CV-1 cells acquiring a tetraploid DNA content
Thomas D. Friedrich, Judith Laffin & John M. Lehman

1679 DNA sequence analysis of the major breakpoint cluster region of the BCR gene rearranged in Philadelphia- positive human leukemias
S.J. Sowerby, M.A. Kennedy, P.H. Fitzgerald & C.M. Morris

1685 Detection of c-*mos* proto-oncogene expression in human cells
Chou-Chi H. Li, Eying Chen, Catherine D. O'Connell & Dan L. Longo

1693 Use of the two-hybrid system to identify the domain of p53 involved in oligomerization
Kuniyoshi Iwabuchi, Bin Li, Paul Bartel & Stanley Fields

1697 HPV-16 E7 or adenovirus E1A can overcome the growth arrest of cells immortalized with a temperature-sensitive p53
Karen H. Vousden, Borivoj Vojtesek, Chris Fisher & David Lane

1703 Simple sequence repeat polymorphism within the p53 gene
Vladimir Lazar, Francis Hazard, Francine Bertin, Nicolas Janin, Dominique Bellet & Brigitte Brassac

1707 Molecular cloning of rat calpactin I heavy-chain cDNA whose expression is induced in v-*src*-transformed rat culture cell lines
Toshinori Ozaki & Shigeru Sakiyama

1711 Erratum: Alternative mRNA forms and open reading frames of the *max* gene
Imre Västrik, Päivi J. Koskinen, Riitta Alitalo & Tomi P. Mäkelä

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1713 A structure-function analysis of transcriptional repression mediated by the WT1, Wilms' tumor suppressor protein
Stephen L. Madden, Donna M. Cook & Frank J. Rauscher III

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M.C. Daly, R.-H. Xiang, D. Buchhagen, C.H. Hensel, D.K., Garcia, A.M. Killary, J.D. Minna & S.L. Naylor

1731 Method of identifying inhibitors of oncogenic transformation: selective inhibition of cell growth in serum-free medium
Pei-Ming Li, Hidesuke Fukazawa, Chii Yamamoto, Satoshi Mizuno, Ken'ichi Tanaka, Makoto Hori, Satoshi Yaginuma, Tetsu Saito & Yoshimasa Uehara

1737 Accumulation helix-destabilizing mutations in the leucine zipper of c-Fos leads to attenuation and temperature sensitivity of function
Martin J.H. Nicklin, Dietmar Zechner & Tatyana Kislyakova

1751 Characterization of the DNA binding and transcriptional activation domains of the erg protein
Habibur R. Siddique, Veena N. Rao, L. Lee & E. Shyam P. Reddy

1757 Single point mutations in the SH2 domain impair the transforming potential of *vav* and fail to activate proto-*vav*
Shulamit Katzav

1765 Increased cyclin A and decreased cyclin D levels in adenovirus 5 E1A-transformed rodent cell lines
Thierry Buchou, Onno Kranenburg, Hans van Dam, Dave Roelen, Alt Zantema, Frederick L. Hall & Alex van der Eb

1775 TATA-box dependent trans-activation of the human HSP70 promoter by Myb proteins
Gabriele Foos, Saleh Natour & Karl-Heinz Klempnauer

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Arun Seth, Lois Robinson, Delores M. Thompson, Dennis K. Watson & Takis S. Papas

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A. Alileche, S. Plaisance, D.S. Han, E. Rubinstein, C. Mingari, R. Bellomo, C. Jasmin & B. Azzarone

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Brendan D'Souza, Feodor Berdichevsky, Natasha Kyprianou & Joyce Taylor-Papadimitriou

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Fereydoun G. Sajjadi & Elena B. Pasquale

1815 Mutant p53 proteins have diverse intercellular abilities to oligomerize and activate transcription
Carl W. Miller, Alexey Chumakov, Jonathan Said, Dan Lin Chen, Abdulkarim Aslo & H. Phillip Koeffler

1825 Deletion mapping of chromosome 3p in human uterine cervical cancer
Takashi Kohno, Hisashi Takayama, Masaaki Hamaguchi, Hirokuni Takano, Naohito Yamaguchi, Hitoshi Tsuda, Setsuo Hirohashi, Henrik Vissing, Motoyuki Shimizu, Mitsuo Oshimura & Jun Yokota

1833 *flvi*-2, a target of retroviral insertional mutagenesis in feline thymic lymphosarcomas, encodes *bmi*-1
Laura S. Levy, Patricia A. Lobelle-Rich & Julie Overbaugh

1839 Alternative splicing of the chicken c-*myb* exon 9A
Eric R. Schuur, Purandar Dasgupta, E. Premkumar Reddy, Joshua M. Rabinovich & Marcel A. Baluda

1849 Gene-regulatory properties of Myc helix–loop–helix/leucine zipper mutants: Max-dependent DNA binding and transcriptional activation in yeast correlates with transforming capacity
D.H. Crouch, F. Fisher, W. Clark, P.-S. Jayarama, C.R. Goding & D.A.F. Gillespie

1857 Two *wnt* genes in *Caenorhabditis elegans*
Gregory M. Shackleford, Supriya Shivakumar, Lily Shiue, John Mason, Cynthia Kenyon & Harold E. Varmus

1865 New human *erg* isoforms generated by alternative splicing are transcriptional activators
Martine Duterque-Coquillaud, Christian Niel, Serge Plaza & Dominique Stehelin

1875 Mitogenesis of quiescent chick fibroblasts by v-Src: dependence on events at the membrane leading to early changes in AP-1
A.D. Catling, J.A. Wyke & M.C. Frame

1887 Relative mitogenic activities of wild-type and retinoblastoma binding-defective SV40 T antigens in serum-deprived and senescent human diploid fibroblasts
Kazuichi Sakamoto, Tazuko Howard, Vasily Ogryzko, Nai-Zhen Xu, Christopher C. Corsico, Douglas H. Jones & Bruce Howard

1895 *In vivo* viral and cellular Jun complexes exhibit differential interaction with a number of *in vitro* generated 'AP-1- and CREB-like' target sequences
Martin Hadman, Melinda Loo & Timothy J. Bos

1905 Differential effect of HTLV infection and HTLV Tax on interleukin 3 expression
Maurice Wolin, Masayo Kornuc, Charlie Hong, Soon-Ki Shin, Fred Lee, Roy Lau & Stephen Nimer

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Peter T. Reissmann, Hironobu Koga, Rei Takahashi, Robert A. Figlin, E. Carmack Holmes, Steven Piantados, Carlos Cordon-Cardo & Dennis J. Slamon and the Lung Cancer Study Group

1921 The 5′ and 3′ non-coding sequences of the c-*myc* gene, required *in vitro* for its post-transcriptional regulation, are dispensable *in vivo*
Dominique Morello, Agnès Lavenu, Sandrine Pournin & Charles Babinet

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Jonathan P. Sleeman

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Peter K. Jackson, Michael Paskind & David Baltimore

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Keith Bonham & Donald J. Fujita

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Jo Milner, Y.S. Chan, E.A. Medcalf, Yeong Wang & Walter Eckhart

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Luca Tamagnone, Juha Partanen, Elina Armstrong, Jerzy Lasota, Kinya Ohgami, Tetsushi Tazunoki, Sal LaForgia, Kay Huebner & Kari Alitalo

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Dario R. Alessi, Carl Smythe & Stephen M. Keyse

2021 Erratum: BCR-ABL tyrosine kinase is autophosphorylated or transphosphorylates P160 BCR on tyrosine predominantly within the first BCR exon
Liu et al.

2023 Corrigendum: Potential value of increased *MYC* but no *ERBB2* RNA levels as a marker of high-risk mastopathies
Escot et al.

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2025 Nonreceptor tyrosine protein kinases
Joseph B. Bolen

2033 Nerve growth factor: a tale of two receptors
Mariano Barbacid

2043 p53 mutants with changes in conserved region II: three classes with differing antibody reactivity, SV40 T antigen binding and ability to inhibit transformation of rat cells
Florence I. Schmieg & Daniel T. Simmons

2051 The distribution of UV photoproducts along the human p53 gene and its relation to mutations in skin cancer
Silvia Tornaletti, Dieter Rozek & Gerd P. Pfeifer

2059 Identification of a DNA element that can enhance p53-mediated transactivation
Yuzuru Shiio, Tadashi Yamamoto & Nobuo Yamaguchi

2067 Bcl-3, a member of the IκB proteins, has distinct specificity towards the Rel family of proteins
Jun-ichiro Inoue, Tomoko Takahara, Toshifumi Akizawa & Okio Hino

2075 Expression of epithelial phenotype is enhanced by v-Ha-*ras* in rat endometrial cells immortalized by SV40 T antigen
Gerd Helftenbein, Clara V. Álvarez, Pentti Tuohimaa & Miguel Beato

2087 Expression in transgenic mice of the large T antigen of polyomavirus induces Sertoli cell tumours and allows the establishment of differentiated cell lines
Véronique Paquis-Flucklinger, Jean-François Michiels, Frédérique Vidal, Christian Alquier, Georges Pointis, Véronique Bourdon, François Cuzin & Minoo Rassoulzadegan

2095 The epsilon isoform of protein kinase C is an oncogene when overexpressed in rat fibroblasts
Angela M. Cacace, Sarah Nichols Guadagno, Robert S. Krauss, Dorianno Fabbro & I. Bernard Weinstein

2105 Shc products are substrates of *erb*B-2 kinase
Oreste Segatto, Giuliana Pelicci, Sergio Giuli, Giovanna Digiesi, Pier Paolo Di Fiore, Jane McGlade, Tony Pawson & Pier Giuseppe Pelicci

2113 Cyclin G: a new mammalian cyclin with homology to fission yeast Cig1
Kazuyoshi Tamura, Yoshihide Kanaoka, Shigeki Jinno, Akihisa Nagata, Yuko Ogiso, Keiji Shimizu, Toru Hayakawa, Hiroshi Nojima & Hiroto Okayama

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S.-C. Chen, D. Redenius, J.C. Young & R.C. Schwartz

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Michael F. Buckley, Kimberley J.E. Sweeney, Jenny A. Hamilton, Rebecca L. Sini, David L. Manning, Robert I. Nicholson, Anna deFazio, Colin K.W. Watts, Elizabeth A. Musgrove & Robert L. Sutherland

2135 Two regulatory domains are required for downregulation of c-*myc* transcription in differentiating U937 cells
Christine Skerka, Peter F. Zipfel & Ulrich Siebenlist

2145 Hyperplasia, hyperkeratosis and benign tumor production in transgenic mice by a targeted v-*fos* oncogene suggest a role for *fos* in epidermal differentiation and neoplasia
David A. Greenhalgh, Joseph A. Rothnagel, Xiao-Jing Wang, Maria I. Quintanilla, Christine C. Orengo, Todd A. Gagne, Donnie S. Bundman, Mary A. Longley, Chris Fisher & Dennis R. Roop

2159 Heterogeneity of transcriptional activity of mutant p53 proteins and p53 DNA target sequences
Jeou-Yuan Chen, Walter D. Funk, Woodring E. Wright, Jerry W. Shay & John D. Minna

2167 Analysis of the DNA-binding and transcriptional activation functions of human *Fli*-1 protein
Veena, N. Rao, Takatoshi Ohno, D.D.K. Prasad, Gautam Bhattacharya, & E. Shyam P. Reddy

2175 Reconstitution of the *RB* gene suppresses the growth of small-cell lung carcinoma cells carrying multiple genetic alterations
Keizou Ookawa, Masayuki Shiseki, Rei Takahashi, Yutaka Yoshida, Masaaki Terada & Jun Yokota

2183 Immediate and transient stimulation of protein tyrosine phosphorylation by estradiol in MCF-7 cells
A. Migliaccio, M. Pagano & F. Auricchio

2193 Characterization of protein kinase activities associated with p53-large-T immune complexes from SV40- transformed rat cells
Elke Müller, Brigitte Boldyreff, David O. Morgan & Karl Heinz Scheidtmann

2207 Association of v-Mos with soluble vimentin *in vitro* and in transformed cells
Wenlong Bai, Ralph B. Arlinghaus & Balraj Singh

2213 Efficient screening of p53 mutations by denaturing gradient gel electrophoresis in colorectal tumors
Richard Hamelin, Nathalie Jego, Pierre Laurent-Puig, Michel Vidaud & Gilles Thomas

2221 KIT ligand (mast cell growth factor) inhibits the growth of *KIT*-expressing melanoma cells
Rina Zakut, Roy Perlis, Siona Eliyahu, Yosef Yarden, David Givol, Stewart D. Lyman & Ruth Halaban

2231 Evidence for stimulation of the transforming growth factor β1 promoter by HIV-1 Tat in cells derived from CNS
Crystina Cupp, J. Paul Taylor, Kamel Khalili & Shohreh Amini

2237 Vitamin K_3-induced cell cycle arrest and apoptotic cell death are accompanied by altered expression of c-*fos* and c-*myc* in nasopharyngeal carcinoma cells
Felicia Y.-H. Wu, Nien-Tzu Chang, Wen-Jer Chen & Chung-Ching Juan

2245 Transformation by the vRel oncoprotein requires sequences carboxy-terminal to the Rel Homology domain
Sugata Sarkar & Thomas D. Gilmore

2253 Suppression of tumourigenicity in human colon carcinoma cells by introduction of normal chromosome 1p36 region
Kiyoko Tanaka, Rei Yanoshita, Motoko Konishi, Mitsuo Oshimura, Yoshiharu Maeda, Takeo Mori & Michiko Miyaki

2259 c-Myb and v-Myb are differentially phosphorylated by $p42^{mapk}$ *in vitro*
Natasha Aziz, Jie Wu, John W. Dubendorff, Joseph S. Lipsick, Thomas W. Sturgill & Timothy P. Bendy

2267 Synergistic increase of phorbol ester-induced c-*fos* mRNA expression by retinoic acid through stabilization of the c-*fos* message
Klaus J. Busam, Andrew G. Geiser, Anita B. Roberts & Michael B. Sporn

2275 NF-κB precursor p100 inhibits nuclear translocation and DNA binding of NF-κB/*rel*-factors
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